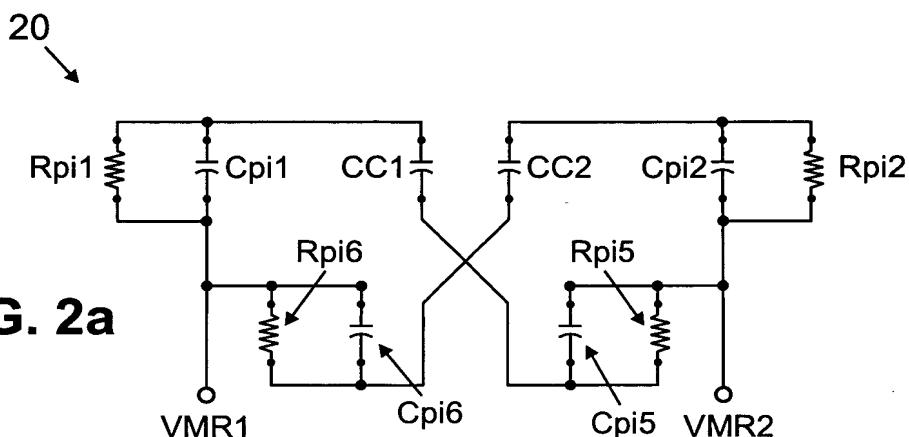


FIG. 1

**FIG. 2a**

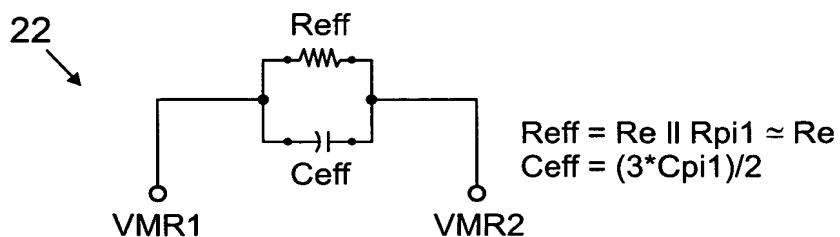
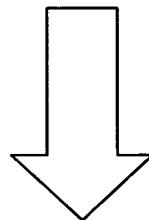
EQUIVALENT INPUT CIRCUIT

CC1 >> Cpi1 & CC1 >> Cpi2

CC2 >> Cpi1 & CC2 >> Cpi2

CC1 >> Cpi5 & CC1 >> Cpi6

CC2 >> Cpi5 & CC2 >> Cpi6



SIMPLIFIED CIRCUIT

FIG. 2b

$$\text{Reff} = \text{Re} \parallel \text{Rpi1} \approx \text{Re}$$

$$\text{Ceff} = (3 \cdot \text{Cpi1})/2$$

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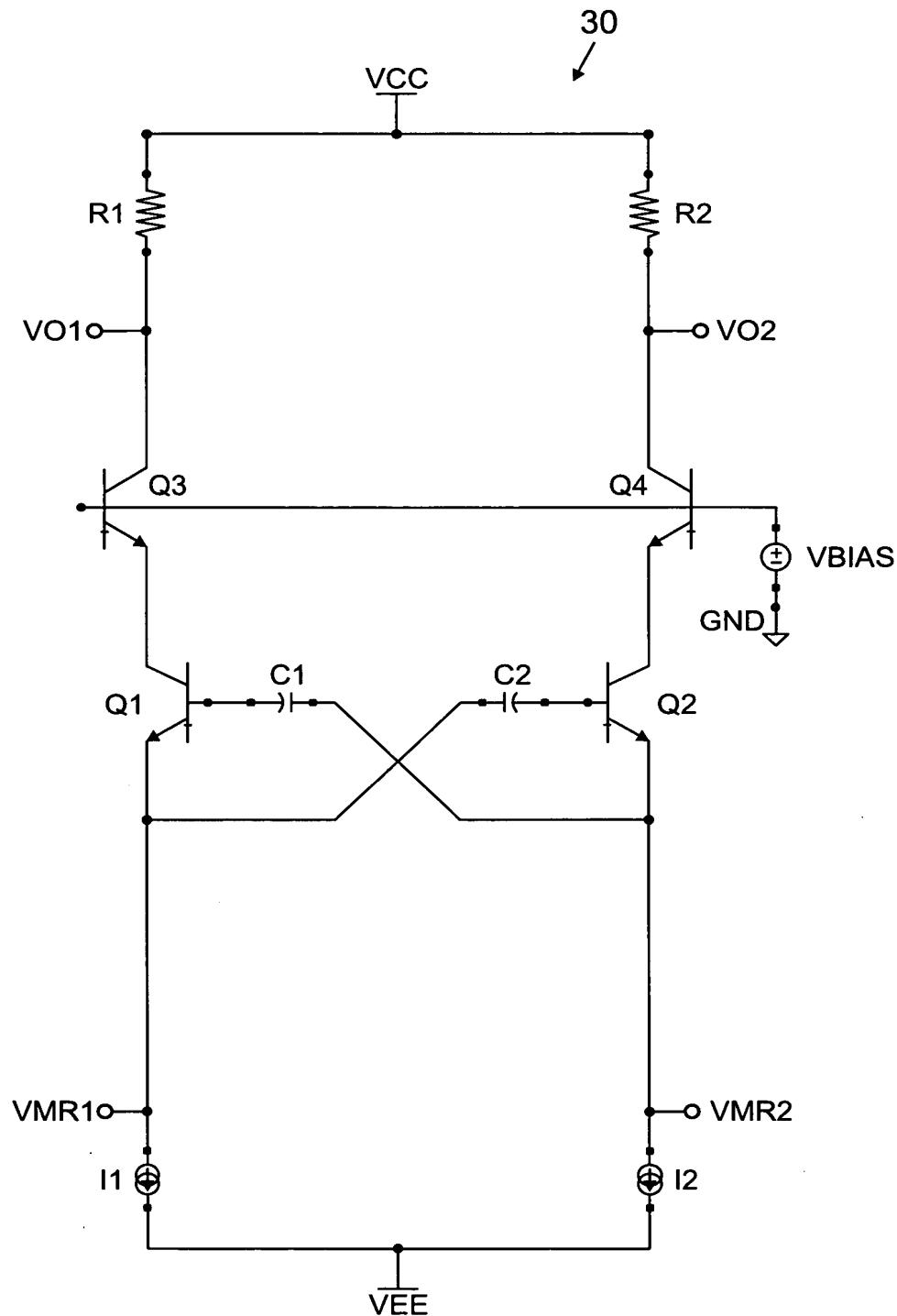
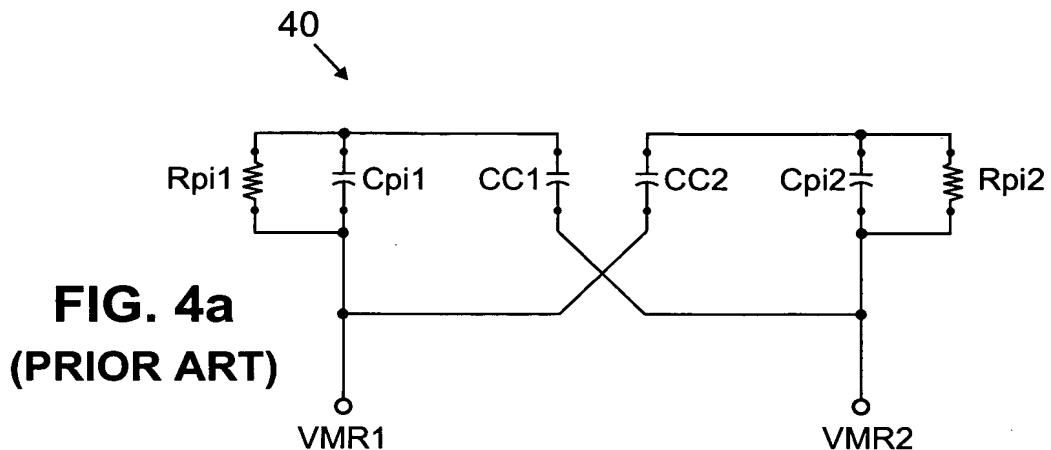
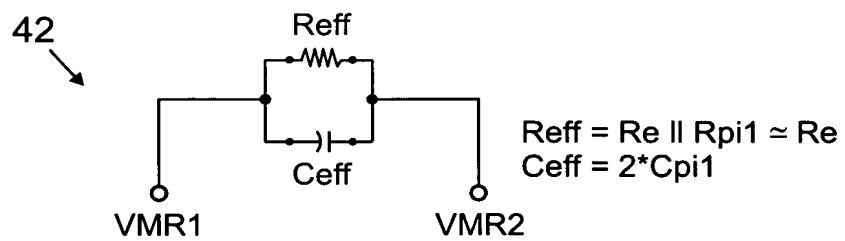
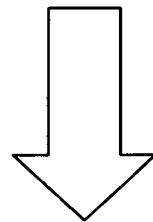


FIG. 3
(PRIOR ART)



EQUIVALENT INPUT CIRCUIT

$CC_1 \gg C_{pi1}$ & $CC_1 \gg C_{pi2}$
 $CC_2 \gg C_{pi1}$ & $CC_2 \gg C_{pi2}$



SIMPLIFIED CIRCUIT

**FIG. 4b
(PRIOR ART)**

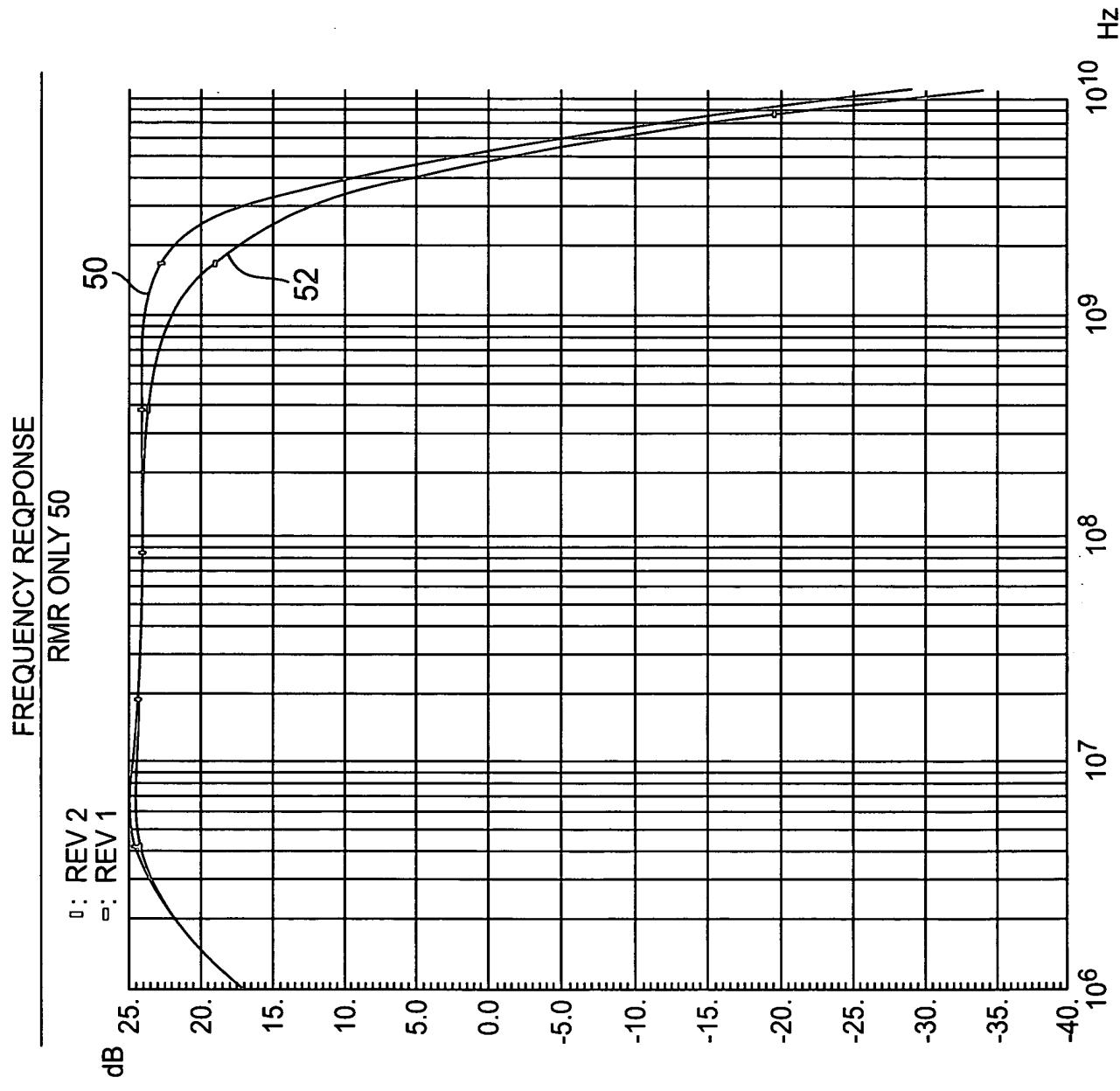


FIG. 5

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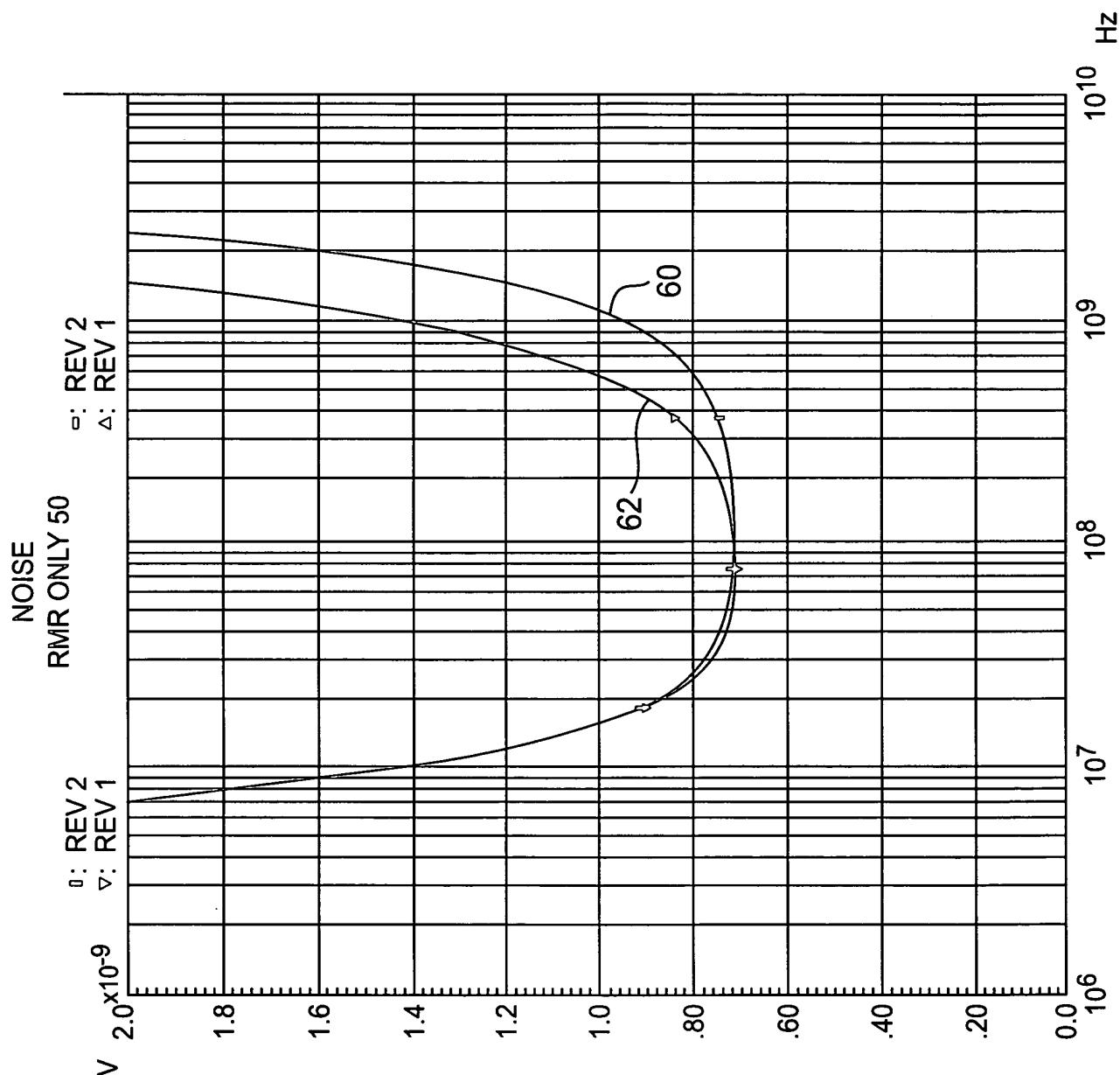


FIG. 6